

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

STARRED QUESTION NO:65

ANSWERED ON:04.03.2005

REVIEW OF POWER GENERATION

Kushwaha Shri Narendra Kumar;Shiwankar Shri Maha Deo Rao

Will the Minister of POWER be pleased to state:

- (a) whether the Government are contemplating to review the position of power generation in view of the power crisis in Northern India;
- (b) if so, the details thereof;
- (c) whether the power generated by the Thermal Power Projects/Stations is not adequate enough to meet the demand in the country;
- (d) if so, the reasons therefor;
- (e) the projects which are not generating the power according to their installed capacity; and
- (f) the effective measures taken by the Government in this regard?

Answer

THE MINISTER OF POWER (SHRI P.M. SAYEED)

(a) to (f) : A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (f) OF STARRED QUESTION NO. 65 TO BE ANSWERED IN THE LOK SABHA ON 04.03.2005 REGARDING REVIEW OF POWER GENERATION.

(a) & (b) : The electricity generation as well as power supply position in the country including that of Northern Region is reviewed on regular basis. In view of various initiatives taken by the Government, energy shortage in the country has declined from 8.8% in 2002-03 to 7.1% in 2003-04 and 6.8% in 2004-05 till December, 2004.

Power shortages in the country including Northern Region are due to the growth in generation capacity addition not keeping pace with the growth in demand. In the Northern Region though overall generation during the period April 04`-January 05` has been almost as per the target, generation from hydro power station under various utilities in the Northern Region has been less than the target by 11.8% resulting in shortfall of 4250 Million Units. Low hydro generation has been mainly due to reduced inflows and relatively less snowfall/snowmelt particularly in the catchment region of Bhakra reservoir. During the same period, generation from thermal power stations in the Northern Region has, however, been 102.9% of the target and higher by 5.1% as compared to corresponding period last year.

The energy and peak shortages in Northern Region during April 04` - January 05` were 9.4% and 10.1% as compared to 5.4% and 6.5% respectively during the corresponding period of last year.

(c) & (d) : The overall electricity generation in the country during the period April 04`-January 05`, has been as per the target. The growth of electricity generation during this period has been 6.0% as compared to 3.8% and 3.7% in the corresponding periods of 2002-03 and 2003-04 respectively. Generation from thermal and hydro power stations has been as per the respective targets and higher by 4.9% and 16.3% respectively as compared to corresponding period of last year.

Thermal stations could have generated more but for the following main reasons:

(i) Shortage of Coal.

(ii) Shortage of gas.

(iii) Low dispatch schedules from beneficiaries for high cost liquid fuel power.

(e) : Generation targets of power stations are fixed by the Central Electricity Authority in consultation with the individual power utilities, every year. The names of thermal power stations in the country which have not generated as per their targets during the period April 04`-January 05` are given at Annexure.

(f) : The following measures are being taken to improve power generation in this regard:

(i) Renovation, Modernization and Life Extension of thermal units:
Government, through Power Finance Corporation provides interest subsidy on loan to undertake Renovation & Modernization and Life Extension works.

(ii) Improvement of Plant Load Factor by reducing periods of planned maintenance and by adopting better operation and maintenance practices.

(iii) Efforts for supply of adequate quantity and quality of coal.

(iv) Early stabilization of new generating units.

(v) Creation of robust National Grid to facilitate inter-regional transmission of power leading to improvement in Plant Load Factor of Thermal Power Stations.

ANNEXURE

ANNEXURE REFERRED TO IN PART (e) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 65 TO BE ANSWERED IN THE LOK SABHA ON 04.03.2005 REGARDING REVIEW OF POWER GENERATION.

List of thermal power stations not generating as per target during APR`04-JAN05

STATION	APRIL`04-JAN05				
TARGET	ACTUAL	SHORTFALL	% of		
MU	MU	MU	TARGET		
FARAKKA STPS	9008	7956.56	1051.44	88.3	
ANTA GT		2431	2353.91	77.09	96.8
KAWAS GT		3282	2237.01	1044.99	68.2
KAYAMKULAM GT	1664	246.95	1417.05	14.8	

NLC

NEYVELI- II	8045	7269.12	775.88	90.4
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DVC

DURGAPUR	1508	1212.44	295.56	80.4
BOKARO-B	2457	1999.12	457.88	81.4
MEJIA	4071	3780.11	290.89	92.9

NEEPCO

KATHALGURI GT	1313	1294.33	18.67	98.6
IPGPCL				
RAJGHAT		706	579.28	126.72
IP GT		1523	1319.87	203.13
HARYANA				
F BAD EXT		769	743.82	25.18
PANIPAT		5154	4982.39	171.61
PSEB				
GNDTP		1775	1701.51	73.49
UPRVUNL				
OBRA		4978	4498.06	479.94
H`GANJ B		613	561.82	51.18
ANPARA		9716	9449.14	266.86
GEB				
GANDHI				
NAGAR 1-4	3262	2758.88	503.12	84.6
KUTCH LIG.		815	718.29	96.71
GSECL				
GANDHINAGAR-5	1369	1277.97	91.03	93.4
DHUVARAN CCPP	588	571.48	16.52	97.2
GSEGL				
HAZIRA CCPP		963	945.34	17.66
A E CO.				
SABARMATI		2200	2168.97	31.03
GTEC				
GTE CORP		3719	2968.82	750.18
MPGPCL				
AMARKANTAK	166	141.5	24.5	85.2
AMARKANTAK				
EXT 952		838.39	113.61	88.1
CHATTISGARH				
KORBA-III		834	721.11	112.89
KORBA WEST	4660	4589.27	70.73	98.5
MSEB				
NASIK		5148	4829.25	318.75

List of thermal power stations/power utilities not generating as per target during APR`04-JAN05

STATION	APRIL`04-JAN05				
TARGET	ACTUAL	SHORTFALL	%	of	
MU	MU	MU	TARGET		
KORADI	5776	5543.22	232.78	96.0	
APTRANSCO					
PEDAPURAM CCGT	1322	975.11	346.89	73.8	
JEGRUPADU GT	1337	1174.06	162.94	87.8	
KONDAPALLI GT	2093	1853.04	239.96	88.5	
GODAVRI GT	1250	1158.59	91.41	92.7	
KERALA					
BRAHAMPURAM DG	227	101.97	125.03	44.9	
KOJIKODE DG	299	123.18	175.82	41.2	
COCHIN CCGT	918	85.78	832.22	9.3	
KASARGODE DG	119	13.75	105.25	11.6	
KARNATAKA					
RAICHUR	8946	8699.6	246.4	97.2	
YELHANKA DG	293	170.34	122.66	58.1	
BELLARY DG	156	32.96	123.04	21.1	
TANIR BAVI	1374	422.6	951.4	30.8	
TORANGALLU IMPORT	660	355.88	304.12	53.9	
BELGAUM DG	446	155.55	290.45	34.9	
TAMIL NADU					
ENNORE	1163	993.76	169.24	85.4	
METTUR	6835	6750.86	84.14	98.8	
NORTH CHENNAI	3720	3330.97	389.03	89.5	
BASIN BRIDGE GT	126	31.36	94.64	24.9	
VALATHUR GT	551	445.75	105.25	80.9	
KUTTALAM GT	540	510.08	29.92	94.5	
SAMAYANALLUR DG	410	270.35	139.65	65.9	
NEYVELI TPS(Z)	1197	1005.9	191.1	84.0	
PPNL CCGT	1001	429.92	571.08	42.9	
SAMALPATTI DG	415	282.7	132.3	68.1	
BASIN BRIDGE DG	902	621.16	280.84	68.9	
BIHAR					
BARAUNI	265	122.68	142.32	46.3	

JHARKHAND				
PATRATU	1041	609.62	431.38	58.6
TVNL				
TENUGHAT	1255	1093.82	161.18	87.2
WBDCL				
BANDEL	1975	1819.02	155.98	92.1
CESC				
NEWCOSSIPORE	408	404.04	3.96	99.0
ASSAM				
NAMRUP ST	43	0.13	42.87	0.3
NAMRUP WHP	73	65.07	7.93	89.1
LAKWA GT	349	246.97	102.03	70.8
DLF	160	114.68	45.32	71.7